

Receiving Report

Date: B-2-28

Batch No: 124768

Supplier: marmen

Dart P/O: 19147

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection OAS ☒ N/A ☒
 Work Order 16 ☒ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 SP

Production/Admin: B-2-28
 Date
 Received/Costing SP
 Initial

Location _____

Purchase Order Receipt Listing

Thursday, February 28, 2013 8:13:01 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO19147 Receipt Dates from 2/28/2013 to 2/28/2013 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Rev Date/ Rev Emp	Rev Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-MAR001 Marmon/Keystone Canada Ltd.											
PO19147	1		M304TR0.750W.049 f		2/27/2013	2/28/2013	500.0000	\$1.91	0.0000	0	\$955.11
CAD	No		304 RD Tube .750 x .049W	f	500.0000	DESJ02		\$955.11	0.0000	0	
			124768								
	2		M304TR0.375W.065 f		2/27/2013	2/28/2013	60.0000	\$1.26	0.0000	0	\$75.82
	No		304 RD Tube .375 x .065W	f	60.0000	DESJ02		\$75.82	0.0000	0	
			124768								
	3		M6061T6T0.500W.0 f		2/27/2013	2/28/2013	300.0000	\$2.08	0.0000	0	\$623.03
	No		6061-T6 RD Tube .500 x.058W	f	300.0000	DESJ02		\$623.03	0.0000	0	
			124768								

Total Received Quantity:
Total Qty to Inspect (PO U/M):
Total Reject Quantity:
Total Receipt Value:
Total Balance Due Quantity:

860.0000
0.0000
0.0000
\$1,653.96
0.0000



Marmon/Keystone Canada Inc.

ACIERS SPÉCIALISÉS

290 Chemin du Tremblay
Boucherville QU CAN J4B 5X9
TEL. 514/527-9153
FAX. 450/641-4357

PACKING SLIP

PAGE... 1
Order : 1129334
Date... 02/25/2013

SOLD TO: _____

SHIPPED TO: _____

DART AEROSPACE LTD
1270 ABERDEEN STREET

DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

HAWKESBURY ON CAN K6A 1K7

SHIP VIA
TST OVERLAND #222212

F.O.B.
BOUCHERVILLE

SALESPERSON
C. Gee

YOUR ORDER NO.
PO19147

	Ordered	Description	Number Pieces	Quantity Shipped	Back Ordered
01	500 /FT	Fax all papers to Linda Lacelle 613-632-1053 rev: 01/11 GD STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 3/4 X .049 A213 STS .750 .049 304L Tariff Number: 7304.41.99.90 Cust. part#: M304TR0.750W.049 HT#.....: YX1107-515 ✓ HT#.....: 3S095 ✓ Total...	7 18 25	140/FT 360/FT 500/FT	
02	60 /FT	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 3/8 X .065 A213 STS .375 .065 304L Tariff Number: 7304.41.19.90 Cust. part#: M304TR0.375W.065 HT#.....: YT13903 Total...	3 3	60/FT 60/FT	
03	300 /FT	ALUMINUM SMLS TUBE ATS .500 .058 D6061 Tariff Number: 7608.20.00.00 Cust. part#: M6061T6T0.500W.058 HT#.....: F00015496 ✓ HT#.....: F00013711 ✓ Total...	19 6 25	228/FT 72/FT 300/FT	

No. of Bdls/Pieces

1 / 0

Total Weight.....:

226

Customers.: _____



A Marmon Distribution Services/Berkshire Hathaway Company



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

CRYSTAL-PALACE

MILL TEST CERTIFICATE

ISO9001:2008 ; PED Material Certificate (No.: QAC0021058/A) DATE OF ISSUE: 2012/5/8

CUSTOMER: MARMON/KEYSTONE CANADA INC.					CERTIFICATE NO.: 2012-1-14-B-2		
P.O.NO.: MN2760					ORDER NO.: 2012-01-014-B		
COMMODITY: STAINLESS STEEL SEAMLESS TUBING.					GRADE : ASTM A213-10a TP304/TP304L		
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END/ OD POLISHED 400 GRIT..					HEAT NO.: YTI13904		
CHEMICAL CONTENTS (WT%)							
ELEMENTS	C	Mn	P	S	Si	Ni	Cr
SPECIFICATION	≤ 0.035	≤ 2.00	≤ 0.045	≤ 0.030	≤ 1.00	8.0~13.0	18.0~20.0
RESULTS (LADLE)	0.019	0.78	0.039	0.007	0.45	8.07	18.12

PHYSICAL PROPERTIES

Dimensions		Weight (kg)	Pieces	Bundle No.	0.2%YS (Mpa)	T S (Mpa)	EL (%)	FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)									
0.375	0.065	20	750	P12-3-281	320	690	56.5	OK	OK	76	OK (DRILLED HOLE)

REMARKS:

AS PER ASTM A213-10a/ASME SA213-10
WALL THICKNESS TOLERANCE AS PER ASTM A269-10
IN COMPLIANCE TO NACE MR0175-2003
IC TEST TO ASTM A262 PRACTICE E
SOLUTION HEAT TREATMENT :1050°C X 1.5m/min
NO WELD REPAIR WAS PERFORMED
FREE FROM MERCURY CONTAMINATION
COUNTRY OF ORIGIN: CHINA
MILL TEST CERTIFICATE TO EN 10204/3.1
INVOICE NO: YK-12-05-25

1.WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2.THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.

SHANGHAI CRYSTAL PALACE PIPE CO.,LTD

Q.C. Reviewed
SR06/12/12

Dingweifu
MANAGER OF QUALITY ASSURANCE DEPARTMENT



CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: 61-17952-1		CUSTOMER PART NUMBER: AT/5.058/734		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 621799	LINE ITEM: 001	SHIP DATE: 07/22/2012	KAISER LOT NUMBER: F00015496	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 663,000 LB	QUANTITY: 581,000 PCS	B/L NUMBER: 603964	DIA/DAT/TH(KNS):	WIDTH:	LENGTH: 12,000 FT
SHIP TO: MARMON/KEYSTONE CORP 32944 US HIGHWAY 6 SPRING VALLEY, IL 61362 USA					
SOLD TO: MARMON/KEYSTONE CORP 1000 REMINGTON BLVD. SUITE 305 BOLINGBROOK, IL 60440 USA					

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
F00015496	0001		46.2	43.0	14.0	N/A	N/A	N/A
F00015496	0002		46.4	42.6	13.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Ct	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D70443	.58	.31	.25	.05	.96	.08	.20	.02	.00	.00	.00	.01	.02

Applicable Requirements:

Description: MADE IN USA
OD: 0.500"; Wall: 0.058"; Round @
AMS-4082P ASTM-B210-04 WM-T-700/6F
WE TAKE EXCEPTION TO PARA. 5.2.1., FOR AMS-4082P, WAS NOT OILED.
THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INACTIVE OR
CANCELLED: MIL-T-7081, WM-T-700F/GEN, WM-T-700/ZE, WM-T-700/3F,
WM-T-700/4F, WM-T-700/5E, WM-T-700/6F, and WM-T-700/7B.
COMPLIES TO DIN EN 10204 JAN 2005
COMPLIES TO DPMR 252.225-7001 and DPMR 252.225-7014
No Weld Repair. Mercury Free.

Miscellaneous Notes

MANUFACTURED IN USA (CHANDLER,AZ) MELTED IN USA

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
 FABRICATED PRODUCTS, LLC
 5205 KAISER DRIVE
 KALAMAZOO, MI 49048

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ("Kaiser") hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms conditions of sale. Test reports are on file subject to examination.

Calvin Lattin, Quality & Technology Manager

Calvin Lattin

Plant Serial: 00052428
 Kaiser Order Number: 621799
 Line Item: 001

Q.C. Reviewed
 SR 08/13/12

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER ALUMINUM FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CERTIFIED TEST REPORT
<http://online.kaiseraluminum.com>

CUSTOMER PO NUMBER: 61-17107-3		CUSTOMER PART NUMBER: AT/5.058/734		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 606551	LINE ITEM: 003	SHIP DATE: 01/04/2012	KAISER LOT NUMBER: F00013711	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 668.000 LB	QUANTITY: 586.000 PCS	B/L NUMBER: 602261	SOLD TO: MARMON/KEYSTONE CORP 10700 MARMON DR BOLINGBROOK, IL 60440 USA		
SHIP TO: MARMON/KEYSTONE CORP 32944 US HIGHWAY 6 SPRING VALLEY, IL 61362 USA					

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
* F00013711	0001	1	45.9	42.4	13.0	N/A	N/A	N/A
* F00013711	0002	1	45.3	41.8	13.5	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D69881	.58	.26	.22	.06	.98	.07	.09	.02	.00	.00	.00	.01	.02

Applicable Requirements:

Description: MADE IN USA
OD: 0.500", Wall: 0.058", Round @
AMS-4082P ASTM-B210-04 WM-T-700/6F
WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.
THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INACTIVE OR
CANCELLED: MIL-T-7081, WM-T-700F/GEN, WM-T-700/2E, WM-T-700/3F,
WM-T-700/4F, WM-T-700/5E, WM-T-700/6F, and WM-T-700/7B.
COMPLIES TO DIN EN 10204 JAN 2005
COMPLIES TO DEFAR 252.225-7001 and DEFAR 252.225-7014
No Weld Repair. Mercury Free.

Miscellaneous Notes

MANUFACTURED IN USA (CHANDLER, AZ) MELTED IN USA

Plant Serial: 00022759
Kaiser Order Number: 606551
Line Item: 003

**KAISER
ALUMINUM
FABRICATED PRODUCTS**

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

Best in Class

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ("Kaiser") hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Alex Yeh, Quality & Technology Manager

Alex Yeh

Q. C. REVIEWED

GAOLIN 高林

湖州高林不锈钢管制造有限公司

HUZHOU GAOLIN STAINLESS STEEL TUBE MANUFACTURE CO.,LTD

Product Name: Seamless stainless steel tube

Contract No: MN3084

Customer: MARMON/KEYSTONE CANADA INC.

Spec.: ASTM 269/A213/A213M and the purchasing order's requirement

Sg 1208 MILL TEST REPORT

Special Equipment Manufacture License NO. TS2710F28-2011

Certificate No: QC12-8-28-2

Date of issue: 2012-08-28

Chemical Composition									
Elements	C	Mn	P	S	Si	Ni	Cr	Ti	N
Required Values%	≤0.035 max	≤2.00 max	≤0.045 max	≤0.030 max	≤1.00 max	8.00~ 12.00	18.00~ 20.00		
Results	0.017	0.83	0.033	0.003	0.330	8.10	18.39		
Results	0.017	0.83	0.033	0.003	0.330	8.10	18.39		
Results	0.017	0.83	0.033	0.003	0.330	8.10	18.39		
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Quantity									
Item No.	Weight (kg)	Place	Total Length (feet)	Surface & Dimension Inspection	Eddy Current Test	ASTM E426	Flattening Test	Flaring Test	Granular Test
4#	1	50	1000						
5#	1	480	9600						
6#	1	105	2100						
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
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Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
Mechanical Properties									
Item No.	Heat No.	Lot No.	Product Standard	Grade	Size IN	Test	Flattening Test	Flaring Test	Granular Test
4#	YX1107-515	A120809-13	ASTM A269/A213 ASME B4213 A.W. A1816 NACE MR0175 ASTM A302-E	304L	5/8"×0.065"×20'	Eddy Current Test	ASTM E426	A1016/A1016M	Acceptable
5#	YX1107-515	A120808-16			3/4"×0.049"×20'				
6#	YX1107-515	A120808-17			1"×0.065"×20'				
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WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN BE MADE IN ACCORDANCE WITH THE RESULTS OF THE CONTRACT AND COMPLY WITH THE SPECIFICATION ABOVE.

THE CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN THE WRITTEN APPROVAL(WAY OF GETTING APPROVAL FAX WRITTEN REQUEST TO OUR COMPANY AND GET REFAX) OF THE WORKS.

THE CERTIFICATE ACCORDING TO EN10204 DOCUMENT 3.1

IF THERE IS ANY DOUBT ABOUT THE CERTIFICATE, WELCOME TO GIVING YOUR PRECIOUS OPINION TO US.

BY TEL: 0572-3623588 OR FAX: 0572-3626679.

QC DEPARTMENT

Delivery: Solution Annealed, Pickled, 320G Polished

Judge:

Reporter:

Q.C. Reviewed
2012/10/24/12



MILL INSPECTION CERTIFICATE



CHANGSHU WALSN SPECIALTY STEEL CO.,LTD.
EN 10204 3.1

CUSTOMER: MARMONKEYSTONE CANADA INC.		HEAT NO: 38095															
2012/7/30		CONDITION: COLD FINISHED, ANNEALED, PICKLED, PLAIN END															
COMMODITY: STAINLESS STEEL SEAMLESS TUBE		CERTIFICATE NO: 201208038024002															
		GRADE: TP 304L															
CHEMICAL COMPOSITION (WT%)																	
ELEMENTS	C	Si	Mn	P	S	Ni	Cr	Mo	N	Cu	Ti	Co	Al	V	B		
SPECIFICATION	min					8.000	18.000										
	max	0.035	2.000	0.045	0.030	12.000	20.000										
RESULTS (LADLE)		0.015	1.880	0.028	0.001	8.540	18.190										
RESULTS (PRODUCT)		0.011	1.960	0.024	0.002	8.204	18.130										
TEST RESULTS																	
SIZE (mm)	PACKAGE NO.	PIECES	WEIGHT		TS	YS		EL	HARDNESS	FLATTENING	FLARING	I.C. TEST	CRACK SIZE	Lot No.	HYDROSTATIC TEST	EDDY CURRENT TEST	ULTRASONIC TEST
OD (") x WT (")			FT	(kg)	MPa	0.2%	1%	(50mm)	HRB								
0.750 x 0.049	20-1#	150	3000	512	585/575	255/300		57/56	77.5/78.5	GOOD	GOOD	GOOD		201206-GL-017	/	GOOD	GOOD
TOTAL:			150	3000													
REMARK: AS PER ASTM A213-11, ASME SA213-10/ASTM A269-10																	
ASTM A1016																	
NACE MR 0175																	
PO MN2441																	
LENGTH 120FT																	
IC TEST PER ASTM A262 PRACTICE E																	
MATERIAL FREE FROM MERCURY CONTAMINATION																	
NO REPAIR BY WELDING																	
MADE IN CHINA HRB MAX 80 400#POLISHED																	
QUALITY MANAGER																	
ADDRESS: 56# RENMIN ROAD, HAIYU TOWN, CHANGSHU CITY, JIANGSU PROVINCE, CHINA 215519 TEL: +86-512-52566260 FAX: +86-512-52568027																	
WLCS-QP-T24-06																	

Q.C. Reviewed
SK 09/18/12



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

CRYSTAL PALACE

MILL TEST CERTIFICATE

ISO9001:2008 PED Material Certificate (No.: QAC0021058/A) DATE OF ISSUE: 2012/5/8

CUSTOMER: MARMON/KEYSTONE CANADA INC.		CERTIFICATE NO.: 2012-1-14-B-2										
P.O.NO.: MN2760		ORDER NO.: 2012-01-014-B										
COMMODITY: STAINLESS STEEL SEAMLESS TUBING.		GRADE: ASTM A213-10a TP304/TP304L										
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 400 GRIT.		HEAT NO.: YT13904										
CHEMICAL CONTENTS (WT%)												
ELEMENTS												
C		Mn	P	S	Si	Ni	Cr					
SPECIFICATION		≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	8.0~13.0	18.0~20.0				
RESULTS (LADLE)		0.019	0.78	0.039	0.007	0.45	8.07	18.12				
PHYSICAL PROPERTIES												
Dimensions		Bundle No.		Pieces	Weight (kg)	0.2%YS (Mpa)	T S (Mpa)	EL (%)	FLARING TEST	FLATTENING TEST	HRB	CURRENT TEST TO E426 (100%)
W.T (inch)	Length (feet)	20		P12-3-281	750	1481	320	690	56.5	OK	76	OK
0.375	0.065											
REMARKS:												
AS PER ASTM A213-10a/ASME SA213-10 WALL THICKNESS TOLERANCE AS PER ASTM A269-10 IN COMPLIANCE TO NACE MR0175-2003 IC TEST TO ASTM A262 PRACTICE E SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min NO WELD REPAIR WAS PERFORMED FREE FROM MERCURY CONTAMINATION COUNTRY OF ORIGIN: CHINA MILL TEST CERTIFICATE TO EN 10204/3.1 INVOICE NO: YK-12-05-25												
1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT 2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY. SHANGHAI CRYSTAL PALACE PIPE CO., LTD												

Q.C. Reviewed
SR06/12/12

D. J. Weigert
MANAGER OF QUALITY ASSURANCE DEPARTMENT



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO19147

Purchase Order Date 2/21/13

PO Print Date 2/21/13

Page Number 1 of 2

Order From :

VC-MAR001

MARMON/KEYSTONE CANADA LTD.
290 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC J4B 5X9
CA

Contact Name

Vendor Phone

800 361 8142

Vendor Fax

450 641 4357

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
2/21/13

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304TR0.750W.049	304 RD Tube .750 x .049W	2/27/13 Yes	500.00 f	TST ground	\$1.9500	\$975.00
		Special Inst: MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269					
2	M304TR0.375W.065	304 RD Tube .375 x .065W	2/27/13 Yes	60.00 f	TST ground	\$1.2900	\$77.40
		Special Inst: MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269					
3	M6061T6T0.500W.058	6061-T6 RD Tube .500 x.058W	2/27/13 Yes	300.00 f	TST ground	\$2.1200	\$636.00

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 1

Change Date: 2/21/13



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO19147**

Purchase Order Date 2/21/13

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Page Number 2 of 2

Order From :

MARMON/KEYSTONE CANADA LTD.
290 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC J4B 5X9
CA

VC-MAR001

Contact Name

Vendor Phone

800 361 8142

Vendor Fax

450 641 4357

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Special List:

MATERIAL: 6061-T6 OR 6061-T62
TUBING PER
WW-T-700/6 OR AMS 4080 OR AMS 4082
OR
QQ-A-200/8 OR QQ-A-225/8

PO Total:

\$1,688.40

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 2/21/13

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required **YES** NO